



Industrial Silencers

Reduce the noise level of emissions from industrial processes.

www.doxnoisecontrol.eu

Reduce the impact of noise on your surroundings, protect staff and absorb installation noise.



Noise Control.

*LESS NOISE, MORE HARMONY.
SOUNDS LIKE SILENCE.*



The use of DOX Noise Control noise silencers is virtually unlimited. We select the optimal noise silencer thanks to advanced calculation programs. These take into account attenuation spectra, capacity, aerodynamic resistance, flow noise, temperature, pressure, medium, contamination, material type, and price/quality ratio. This provides a silencer for every situation: from standard splitter silencers for construction to large exhaust silencers for complex processing industries.

TYPES

● **SPLITTER SILENCER:** consists of a damper casing that contains splitters. It can also be designed as a resonance silencer, to attenuate specific frequencies. Option: aerodynamically shaped inlet and outlet profiles to reduce pressure loss.

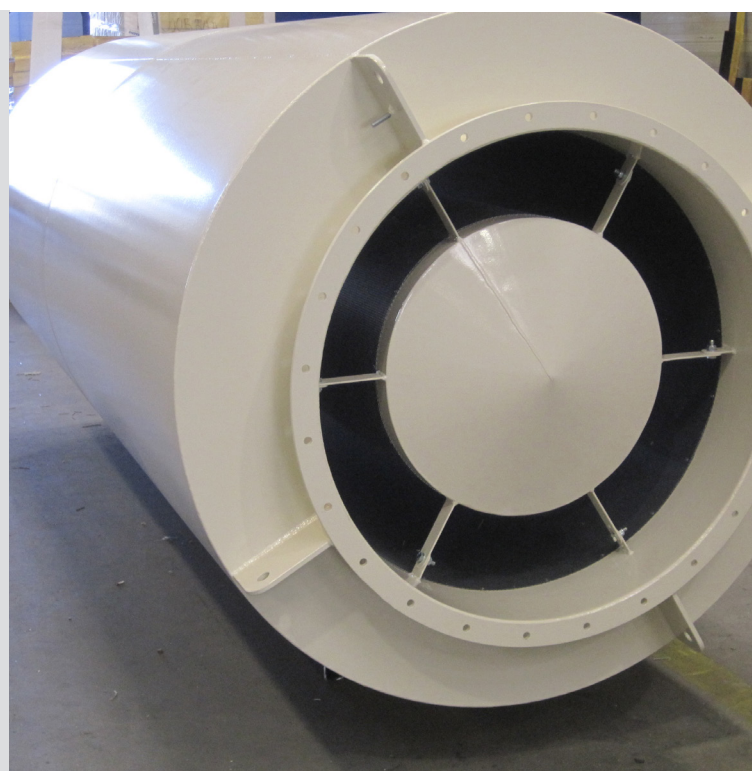
● **CYLINDRICAL SILENCER:** this is based on absorption, just like the splitter silencer. It is often used between pipes and can be fitted with an absorbent core or with splitters.

Industrial Silencer

Effective, efficient and high return.

● **VENT SILENCER:** developed to absorb the noise created when blowing off steam or gas under high pressure. The silencer gradually reduces the pressure in different pressure stages, in which the frequency spectrum shifts. The residual noise is reduced in the absorption chamber.

● **FLUE AND EXHAUST FUMES SILENCER:** used to reduce noise produced by combustion engines and for heavy industrial applications such as flues for boiler installations. Can be used as absorption for broadband attenuation. Up to 50 dB sound attenuation.





ADVANTAGES

- ✓ virtually unlimited application
- ✓ advanced calculation programs
- ✓ flexible design
- ✓ modular systems
- ✓ broad attenuation spectrum

APPLICATIONS

- ✱ Power supplies
- ✱ Chemical boilers
- ✱ Air supply and exhaust openings for machine rooms
- ✱ Steam boilers
- ✱ (Heavy) industry
- ✱ Ventilation ducts
- ✱ Machine enclosures
- ✱ Outer façades

A custom silencer
for every application



PROPERTIES

- ✱ Wide adjustable attenuation spectrum
- ✱ Up to approx. 50 dB of sound attenuation
- ✱ Temperatures up to 600 °C
- ✱ Material types: galvanised steel, stainless steel, aluminium, corten steel
- ✱ Preservation: various paint systems
- ✱ Special designs, multiple inlets and outlets and horizontal and vertical mounting possible (exhaust silencer).



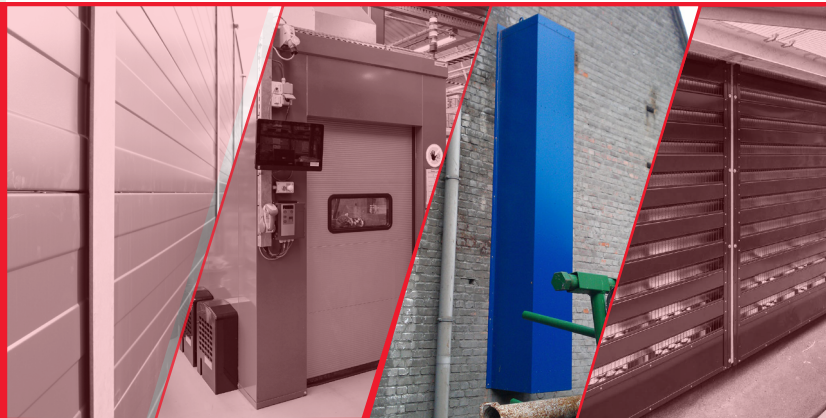
Noise Barriers

Acoustic Enclosures

Industrial Silencers

Acoustic Grilles

**Need a
customised
project?**



DOX SERVICE

- ✓ High-quality products
- ✓ Project management
- ✓ Noise remediation
- ✓ Engineering
- ✓ Customisation
- ✓ Installation

#lessnoisemoreharmony
#soundslikesilence

Make an appointment for
personal advice,
specific to your project:

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www.doxnoisecontrol.eu



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